



AVOX Systems

Executive Mark I Portable Oxygen System



The AVOX Systems MARK I supplies constant flow oxygen in aviation use for one or two people up to 16,500 feet. It features a finger-operated, top-mounted on/off valve.

The MARK I is lightweight, economical, compact, and completely self-contained. The 11 cubic foot (311 liter) cylinder is DOT rated at 1800 PSI. The system meets the oxygen flow requirements of F.A.R. Part 23.1443.

Outstanding Features

- Constant flow oxygen per F.A.R. Part 23.1443 for one to two people to 16,500 feet
- DOT rated 3AA 1800 PSI (12.4 MPa) 11 cubic foot (311 liter) cylinder
- Finger-operated, top-mounted on/off valve
- Handy carrying strap
- Lightweight, versatile, compact and portable
- Soft rubber-like oral-nasal mask with flow indicator
- Mask(s) included

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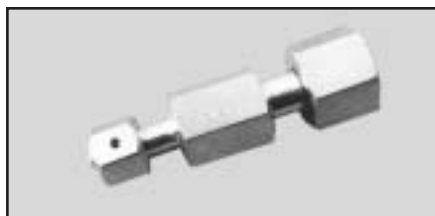
Executive Mark I Portable Oxygen System



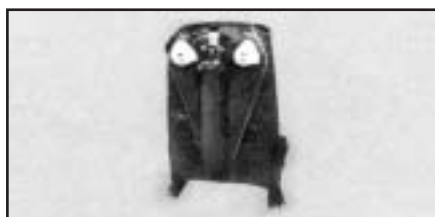
Duo-Seal® Mask with Flow Indicator and Microphone



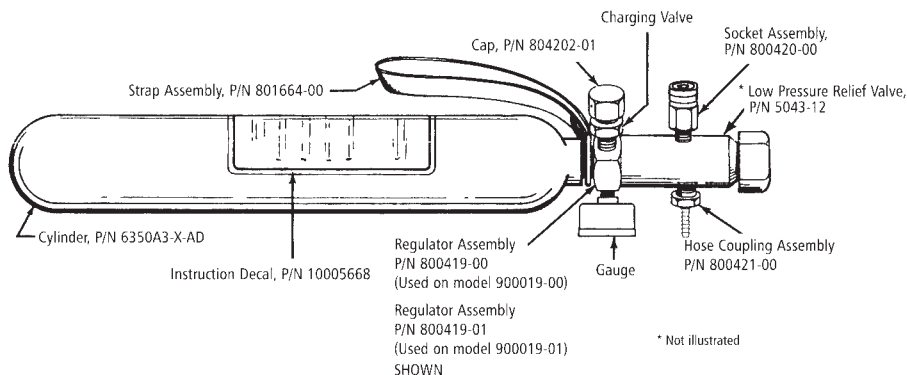
Sky Mask with Flow Indicator



Filler Coupling



"Papoose" Oxygen Holder



Specifications

Models	900019-00**	900019-01***
Maximum Charged Weight:	8.25 lbs. 3.74 kg.	8.30 lbs. 3.77 kg.
Length:	23 1/4 in. 591 mm	23 1/4 in. 591 mm
Diameter:	3 8/16 in. 90.5 mm	3 8/16 in. 90.5 mm
Cylinder Capacity:	11 cu. ft. 311 LTR.	11 cu. ft. 311 LTR.

**One outlet with one 28314-10 Sky Mask included

***Two outlets with one 28314-10 and one 803248-01 Sky Mask included

Altitude		Number of Persons†	
Feet	Meters	1	2
0	0	2.75 HRS.	1.38 HRS.
12,500	3,810.0	3.03 HRS.	1.52 HRS.
16,500	5,029.2	3.13 HRS.	1.57 HRS.

†Average duration in hours from cylinder fully charged to 1800 PSI

Accessories	Part No.	Description
Duo-Seal® Mask with Flow Indicator	28312-10	Natural rubber oral-nasal mask provides long duration comfort.
Duo-Seal® Mask with Flow Indicator and Microphone	28316-10	Same as above with carbon microphone and PJ-068 Plug.
Sky Mask	28314-10	Soft rubber-like oral-nasal mask with Flow Indicator Assembly P/N 8540-00
Filler Coupling	5020-01	Connected between the portable unit and the source of oxygen. Required for recharging at oxygen refill stations. Fits CGA Type 541 Oxygen valve outlet.
"Papoose" Oxygen Holder	24200-03	Holds portable oxygen system and masks to back of pilot seat (11 cubic feet).

WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS INJURY OR DEATH.

THIS EQUIPMENT IS INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AND IS TO BE USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE.

THIS EQUIPMENT IS TO BE SERVICED ONLY IN ACCORDANCE WITH THE APPLICABLE COMPONENT MAINTENANCE MANUAL AVAILABLE FROM

AVOX SYSTEMS AND ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR.

THIS EQUIPMENT IS TO BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS OF MIL-PRF-27210.